

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	) Title:	Method and Device for
	)	Performing Cooling-or
	)	Cryo-Therapies for, e.g.,
John D. Dobak, III et al.	)	Angioplasty with Reduced
	)	Restenosis or Pulmonary
	)	Vein Cell Necrosis to Inhibit
	)	Atrial Fibrillation
Serial No.: Not Yet Known	) Examiner:	Not Yet Known
)	
Filed: June 26, 2003	) Group Art	3739
	) Unit:	

INFORMATION DISCLOSURE STATEMENT

Mail Stop: Divisional Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

The following items are being submitted for this Information Disclosure Statement:

1. X Preliminary Statements
2. X FORM PTO - 1449

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June 26, 2003
(Date of Deposit)

Brenda L. Godfrey
(Name of the Person Making the Deposit)

Brenda L. Godfrey
(Signature)

June 26, 2003
(Date of Signature)

1. Preliminary Statements

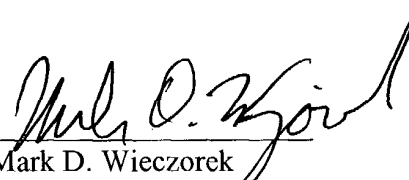
Applicants cite herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56. These citations have previously been submitted in a parent case, application serial number **09/787,599**, thus copies of these cited references are not included with this submission.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made, an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. No fee is believed to be due in connection with this submission as this Information Disclosure Statement is being filed within three (3) months of the application filing date or before receipt of the First Office Action.

No fee is believed due for this submission, however, if any fees are required, authorization is hereby given to the Commissioner for Patents to charge the same to Deposit Account No. 50-0914.

Date: June 26, 2003


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Attorney for Applicants
Registration No. 37,966

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PTO/SB/O8A (10-96)

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Patent and Trademark Office: U.S./DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	Not Yet Known	
			Filing Date	June 26, 2003	
			First Named Inventor	John D. Dobak, III	
			Group Art Unit	3739	
			Examiner Name	Not Yet Known	
			Attorney Docket Number	103002	
Sheet	1	of	21		

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publications of Cited document MM-DD-YYYY	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	2,308,484		Auzin, et al.	01/19/1943	
	AB	2,374,609		McCollum	04/24/1945	
	AC	2,615,686		Davidson	10/28/1982	
	AD	2,672,032		Towse	03/16/1954	
	AE	2,913,009		Kuthe	11/17/1959	
	AF	3,228,400		Armao	01/11/1966	
	AG	3,298,371		A.S.J. Lee	01/17/1967	
	AH	3,369,549		Armao	02/20/1968	
	AJ	3,425,419		A.A. Dato	02/04/1969	
	AK	3,504,674		Swenson, et al.	04/07/1970	
	AM	3,786,814		Armao	01/22/1974	
	AL	3,859,986		Okada et al.	01/14/1975	
	AN	3,865,116		Brooks	02/11/1975	
	AI	3,867,294		Pall et al.	02/18/1975	
	AO	3,888,259		Miley	06/10/1975	
	AP	3,889,680		Armao	06/17/1975	
	AQ	3,971,383		Van Gerven	07/27/1976	
	AR	4,038,519		Foucras	07/26/1977	
	AS	4,153,048		Magrini	05/18/1979	
	AT	4,190,033		Foti	02/26/1980	
	AU	4,231,425		Engstrom	11/04/1980	
	AV	4,275,734		Mitchiner	06/30/1981	
	AW	4,298,006		Parks	11/03/1981	
	AX	4,318,722		Altman	03/09/1982	
	AY	4,427,009		Wells, et al.	01/24/1984	
	AZ	4,445,500		Osterholm	05/01/1984	
	BA	4,483,341		Witteles	11/20/1984	
	BB	4,502,286		Okada, et al.	03/05/1985	
	BC	4,569,355		Bitterly	02/11/1986	
	BD	4,581,017		Sahota	04/08/1986	
	BE	4,655,746		Daniels, et al.	04/07/1987	
	BF	4,672,962		Hershenson	06/16/1987	

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			Filing Date	June 26, 2003	
			First Named Inventor	John D. Dobak, III	
			Group Art Unit	3739	
			Examiner Name	Not Yet Known	
Sheet	2	of	21	Attorney Docket Number	103002

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		Number	Kind Code ² (if known)			
	BG	4,748,979		Hershenson	06/07/1988	
	BH	4,750,493		Brader	06/14/1988	
	BI	4,762,130		Fogarty, et al.	08/09/1988	
	BJ	4,860,744		Johnson, et al.	08/29/1989	
	BK	4,883,455		Leonard	11/28/1989	
	BL	4,894,164		Polaschegg	01/16/1990	
	BM	4,904,237		Janese	02/27/1990	
	BN	4,920,963		Brader	05/01/1990	
	BO	4,964,409		Tremulis	10/23/1990	
	BP	5,014,695		Benak, et al.	05/14/1991	
	BQ	5,018,521		Campbell	95/28/1991	
	BR	5,019,075		Spears, et al.	05/28/1991	
	BS	5,041,089		Mueller, et al.	08/20/1991	
	BT	5,078,713		Varney	01/07/1992	
	BU	5,092,841		Spears	03/03/1992	
	BV	5,106,360		Ishwara, et al.	04/21/1992	
	BW	5,108,390		Potocky et al.	04/28/1992	
	BX	5,110,721		Anaise, et al.	05/05/1992	
	BY	5,117,822		Laghi	06/02/1992	
	BZ	5,147,355		Friedman et al.	09/15/1992	
	CA	5,149,321		Klatz, et al.	09/22/1992	
	CB	5,150,706		Cox, et al.	09/29/1992	
	CC	5,151,100		Abele, et al.	09/29/1992	
	CD	5,190,539		Fletcher, et al.	03/02/1993	
	CE	5,191,883		Lennox, et al.	03/09/1993	
	CF	5,196,024		Barath	03/23/1993	
	CG	5,211,631		Sheaff	05/18/1993	
	CH	5,234,405		Klatz, et al.	08/10/1993	
	CI	5,248,312		Langberg	09/28/1993	
	CJ	5,250,070		Parodi	10/05/1993	
	CK	5,257,977		Eshel	11/02/1993	
	CL	5,264,260		Saab	11/23/1993	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	Not Yet Known	
			Filing Date	June 26, 2003	
			First Named Inventor	John D. Dobak, III	
			Group Art Unit	3739	
			Examiner Name	Not Yet Known	
Sheet	3	of	21	Attorney Docket Number	103002

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		Number	Kind Code ² (if known)			
	CM	5,269,369		Faghri	12/14/1993	
	CN	5,269,749		Koturov	12/14/1993	
	CO	5,269,758		Taheri	12/14/1993	
	CP	5,281,213		Milder et al.	01/25/1994	
	CQ	5,281,215		Milder	01/25/1994	
	CR	5,306,261		Alliger et al.	04/26/1994	
	CS	5,310,440		Zingher	05/10/1994	
	CT	5,334,193		Nardella	08/02/1994	
	CU	5,342,301		Saab	08/30/1994	
	CV	5,344,436		Fontenot, et al.	09/06/1994	
	CW	5,365,750		Greenthal	11/22/1994	
	CX	5,368,591		Lennox, et al.	11/29/1994	
	CY	5,383,918		Panetta	01/24/1995	
	CZ	5,395,314		Klatz, et al.	03/07/1995	
	DA	5,395,331		O'Neill, et al.	03/07/1995	
	DB	5,403,281		O'Neill et al.	04/04/1995	
	DC	5,417,686		Peterson, et al.	05/23/1995	
	DD	5,423,745		Todd, et al.	06/13/1995	
	DE	5,423,807		Milder	06/13/1995	
	DF	5,433,740		Yamaguchi	07/18/1995	
	DG	5,437,673		Baust, et al.	08/01/1995	
	DH	5,462,521		Brucker, et al.	10/31/1995	
	DI	5,486,204		Clifton	01/23/1996	
	DJ	5,486,208		Ginsburg	01/23/1996	
	DK	5,531,776		Ward, et al.	07/02/1996	
	DL	5,558,644		Boyd, et al.	09/24/1996	
	DM	5,573,532		Chang, et al.	11/12/1996	
	DN	5,584,804		Klatz, et al.	12/17/1996	
	DO	5,588,438		McKown, et al.	12/31/1996	
	DP	5,591,162		Fletcher, et al.	01/07/1997	
	DQ	5,620,480		Rudie	04/15/1997	
	DR	5,624,392		Saab	04/29/1997	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Not Yet Known
		Filing Date	June 26, 2003
		First Named Inventor	John D. Dobak, III
		Group Art Unit	3739
		Examiner Name	Not Yet Known
Sheet	4	of	21
		Attorney Docket Number	103002

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
	DS	5,647,051		Neer	07/08/1997	
	DT	5,713,941		Robins, et al.	02/03/1998	
	DU	5,716,386		Ward, et al.	02/10/1998	
	DV	5,735,809		Gorsuch	04/07/1998	
	DW	5,797,878		Bleam	08/25/1998	
	DX	5,800,480		Augustine, et al.	09/01/1998	
	DY	5,807,391		Wijkamp	09/15/1998	
	DZ	5,824,030		Yang, et al.	10/20/1998	
	EA	5,827,222		Klatz, et al.	10/27/1998	
	EB	5,827,237		Macoviak, et al.	10/27/1998	
	EC	5,833,671		Macoviak, et al.	11/10/1998	
	ED	5,837,003		Ginsburg	11/17/1998	
	EE	5,871,526		Gibbs, et al.	02/16/1999	
	EF	5,873,835		Hastings, et al.	02/23/1999	
	EG	5,879,329		Ginsburg	03/09/1999	
	EH	5,899,899		Arless, et al.	05/04/1999	
	EI	5,902,268		Saab	05/11/1999	
	EJ	5,913,885		Klatz, et al.	06/22/1999	
	EK	5,913,886		Soloman	06/22/1999	
	EL	5,916,242		Schwartz	06/29/1999	
	EM	5,971,979		Joye et al.	10/26/1999	
	EO	5,989,238		Ginsburg	11/23/1999	
	EP	6,012,457		Lesh	01/11/2000	
	EN	6,019,783		Philips et al.	02/01/2000	
	EQ	6,024,740		Lesh et al.	02/15/2000	
	ER	6,033,383		Ginsburg	03/07/2000	
	ES	6,110,168		Ginsburg	08/29/2000	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	5	of	21
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Complete if Known

Application Number	Not Yet Known
Filing Date	June 26, 2003
First Named Inventor	John D. Dobak, III
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FOREIGN PATENT DOCUMENTS

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			First Named Inventor	John D. Dobak, III	
			Group Art Unit	3739	
			Examiner Name	Not Yet Known	
Sheet	6	of	21	Attorney Docket Number	103002

OTHER PRIOR ART—NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	FP	Ambrus; <i>The Biphasic Nature and Temperature Dependence of the Activation of Human Plasminogen by Urokinase</i> ; 05/1979; pp. 339-347; Research Communications in Chemical Pathology and Pharmacology, Vol. 24, No. 2.	
	FQ	Arless, S. G., <i>CryoCath Completes a Third Round Private Placement for CDN\$10 Million</i> , April 7, 1999, Kirkland, Quebec, Press Release.	
	FR	Arless, S. G., <i>CryoCath Technologies, Inc.</i> , 10/1999, press release.	
	FS	Asbach, H. W. et al., <i>The Effects of Extreme Cold on Major Blood Vessels; An Experimental Study</i> (abs.), Urologe A., 05/1975, Vol. 14, No. 3, pp. 150-3.	
	FT	ATRIONIX (Palo Alto, CA), <i>AF Ablation and Monitoring</i> , http://www.medicaldata.com/members/MPM/3-2000/0300-3.asp , April 19, 2000.	
	FU	Bigelo; <i>Hypothermia, Its Possible Role in Cardiac Surgery</i> ; 11/1959; pp. 849-866; Annals of Surgery, Vol. 132, No. 5.	
	FV	Bokeriia, A. A. et al., <i>Cryogenic Effect on the coronary Arteries in Animal Experiments</i> (abs.), Biull. Eksp.Biol. Med., 06/1988, Vol. 105, Nov. 6, pp. 741-3.	
	FW	Cheatle; <i>Cryostripping the Long and Short Saphenous Veins</i> ; 01/1993; one page; Br. J. Surg., Vol. 80.	
	FX	CryoCath Technologies Inc.: The hottest new technology in ablation is cold, press brochure, Kirkland, Quebec, Canada.	
	FY	CryoCath Technologies, Inc., <i>Affairs of the Heart</i> , The Gazette, Montreal, February 16, 1998.	
	FZ	Dexter; <i>Blood Warms as It Flows Retrograde from a Femoral Cannulation Site to the Carotid Artery During Cardiopulmonary Bypass</i> ; 11/1994; pp. 393-397; Perfusion, Vol. 9, No. 6.	

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	GA	Dorval, J-F et al. <i>Induction of Extracellular Matrix Expression in the Arterial Wall after the Application of Cryotherapy in a Porcine PTCA Model</i> , ACC Meeting, 03/2000, No. 1131-116.	
	GB	Dubuc, M. et al. <i>Catheter Cryoablation: A Novel Technology for Ablation of Cardiac Arrhythmias</i> , presented at AHA, November 1996.	
	GC	Dubuc, M. et al. <i>Feasibility of Cardiac Cryoablation Using a Transvenous Steerable Electrode Catheter</i> , reprint Journal of Interventional Electrophysiology, Vol. 2, No. 3, Kluwer Academic Publishers, 1998, Vol. 2, pp. 285-292.	
	GD	Dubuc, M. et al. <i>Reversible Electrophysiologic Effects Using Ice Mapping with a Cryoablation Catheter</i> , Montreal, Quebec, Canada, Brigham and Women's Hospital, Boston, MA, presented at NSPE, May 1997.	
	GE	Dubuc, M. et al. <i>Transvenous Catheter Ice Mapping and Cryoablation of the Atrioventricular Node in Dogs</i> , October 1999, P.A.C.E., Vol. 22, No. 10, pp. 1488-1498.	
	GF	Ducharme, A. et al. <i>Intracardiac Echocardiography Monitoring of Catheter Cryoablation</i> , presented at AHA, November 1998.	
	GG	Gillinov; <i>Superior Cerebral Protection with Profound Hypothermia During Circulatory Arrest</i> ; 11/1992; pp.1432-1439; Ann. Thorac. Surg., Vol. 55.	
	GH	Haines, N. S., <i>Biophysics and Pathology of Catheter Energy Delivery Systems</i> (abs.), Prog. Cardiovasc. Dis., 01-02/1995, Vol. 37, No. 4, pp. 185-204.	
	GI	Higazi; <i>The Effect of Ultrasonic Irradiation and Temperature on Fibrinolytic Activity in Vitro</i> ; 08/1992; p. 251-253; Thrombosis Research, Vol. 69, No. 2.	
	GJ	Imamaki; <i>Retrograde Cerebral Perfusion with Hypothermic Blood Provides Efficient Protection of the Brain</i> ; 07/1995; pp. 325-333; Journal of Cardiac Surgery, Vol. 10, No. 4, Part 1.	

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Substitute for form 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	Not Yet Known	
			Filing Date	June 26, 2003	
			First Named Inventor	John D. Dobak, III	
			Group Art Unit	3739	
			Examiner Name	Not Yet Known	
Sheet	8	of	21	Attorney Docket Number	103002

OTHER PRIOR ART—NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	GK	Jolin; <i>Management of a Giant Intracranial Aneurysm Using Surface-Heparinized Extracorporeal Circulation and Controlled Deep Hypothermic Low Flow Perfusion</i> ; 08/1992; pp. 756-760; Acta Anaesthesiologica Scandinavica.	
	GL	Jos, R.C. Jansen, Ph.D., et al. (1997) <i>Near Continuous Cardiac Output by Thermodilution</i> . Journal of Clinical Monitoring 13:233-239.	
	GM	Keane, D. et al. <i>Percutaneous Cryothermal Catheter Ablation for the Creation of Linear Atrial Lesions</i> , Massachusetts General Hospital, Boston, MA, presented at NASPE, May 1999.	
	GN	Kimoto; <i>Open Heart Surgery under Direct Vision with the Aid of Brain-Cooling by Irrigation</i> ; 07/1955; pp.592-603; Surgery, vol. 39, No. 4.	
	GO	Ladd, A. P. et al. <i>Cryosurgical Effects on Growing Vessels (abs.)</i> , Am Surg. 07/1999, Vol. 65, No. 7, pp. 677-82.	
	GP	Lustgarten, D. L. et al. (1999), <i>Cryothermal Ablation: Mechanism of Tissue Injury and Current Experience in the Treatment of Tachyarrhythmias</i> , 47(6):481-498.	
	GQ	Marekovic, Z.; <i>Abstract of Renal Hypothermia in Situ by Venous Passages: Experimental Work on Dogs</i> ; 1980; Eur Urol 6(2); 1 page.	
	GR	Marsland, A. R. et al., <i>Cryogenic Damage to Peripheral Nerves and Blood Vessels in the Rat</i> , Br. J. Anaesth., 06/1983, Vol. 55, No. 6, pp. 555-8.	
	GS	Meden; <i>Effect of Hypothermia and Delayed Thrombolysis in a Rat Embolic Stroke Model</i> ; 12/1993; pp. 91-98; Acta Neurologica Scandinavica.	
	GT	Meden; <i>The Influence of Body Temperature on Infarct Volume and Thrombolytic Therapy in a Rat Embolic Stroke Model</i> ; 02/1994; pp. 131-138; Brain Research, Vol. 647.	
	GU	Milleret, Rene; <i>La cryo-chirurgie danes les varices des mimbres inferieurs</i> ; Angiologie; Supplement au no. 110.	

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	GV	Milleret; Abstract of <i>Cryosclerosis of the Saphenous Veins in Varicose Reflux in the Obese and Elderly</i> ; 10.1981; one page; <i>Phlebologie</i> , Vol. 34, No. 4.	
	GW	Parkins; <i>Brain Cooling in the Prevention of Brain Damage During Periods of Circulatory Occlusion in Dogs</i> ; 04/1954; pp.284-289; <i>Annals of Surgery</i> , Vol. 140, No. 3.	
	GX	Pham, I. et al., <i>Adenovirus Mediated Atrial Natriuretic Peptide Gene Transfer in Rat Pulmonary Vascular Smooth Muscle Cells Leads to Inhibition of Cell Growth and Apoptosis</i> , Section on: <i>Therapeutic Strategies in Vascular Remodeling</i> , AHA Meeting, November 1998, Dallas, Texas, No. 3544.	
	GY	Piepgas; <i>Rapid Active Internal Core Cooling for Induction of Moderate Hypothermia in Head Injury by Use of an Extracorporeal Heat Exchanger</i> ; 02/1998; pp. 311-318; <i>Neurosurgery</i> , Vol. 42, No. 2.	
	GZ	Plattner, O. et al. <i>Efficacy of Intraoperative Cooling Methods</i> , 1997, <i>Anesthesiology</i> , November, Vol. 87, No. 5, pp. 1089-1095.	
	HA	Rijken; <i>Plasminogen Activation at Low Temperatures in Plasma Samples Containing Therapeutic Concentrations of Tissue-Type Plasminogen Activator or Other Thrombolytic Agents</i> ; 10/1989; pp.47-52; place of publication unknown.	
	HB	Schwartz, A. E. et al.; (1996); <i>Isolated cerebral hypothermia by single carotid artery perfusion of extracorporeally cooled blood in baboons</i> ; <i>Neurosurgery</i> 39(3):577-582.	
	HC	Schwartz; <i>Cerebral Blood Flow during Low-flow Hypothermic Cardiopulmonary Bypass in Baboons</i> ; 06/1994; pp. 959-964; <i>Anesthesiology</i> , Vol. 81, No.4.	
	HD	Schwartz; <i>Selective Cerebral Hypothermia by Means of Transfemoral Internal Carotid Artery Catheterization</i> ; 05/1996; pp.571-572; <i>Radiology</i> , Vol. 201, No. 2.	
	HE	Steen; <i>The Detrimental Effects of Prolonged Hypothermia and Rewarming in the Dog</i> ; 08/1979 ;pp. 224-230; <i>Anesthesiology</i> , Vol. 52, No. 3.	

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	HF	Tanguay, J.-F., <i>A New Cryotherapy Catheter to Prevent Restenosis (abs.)</i> , 11 th Transcatheter Cardiovascular Therapeutics, 09/1999.	
	HG	Tanguay, J-F et al. <i>A New Cryocatheter Treatment Improves Vascular Remodeling after Angioplasty</i> , presented at AHA, November 1998.	
	HH	Tanguay, J-F et al., <i>A New Cryocatheter Treatment Improves Vascular Remodeling after Angioplasty</i> , Section on Therapeutic Strategies in Vascular Remodeling, AHA Meeting, November 1998, Dallas, Texas, No. 3543.	
	HI	Vandam; <i>Hypothermia</i> ; 09/1959; pp.546-553; The New England Journal of Medicine.	
	HJ	White; <i>Cerebral Hypothermia and Circulatory Arrest</i> ; 07/1978; pp.450-458; Mayo Clinic Proceedings, Vol. 53.	
	HK	Yenari; <i>Thrombolysis with Tissue Plasminogen Activator (TPA) is Temperature Dependent</i> ; 07/1994; pp.475-481; Thrombosis Research, vol. 77, No.5.	
	HL	Yoshihara; <i>Changes in Coagulation and Fibrinolysis Occurring in Dogs during Hypothermia</i> ; 08/1984; pp.503-512; Thrombosis Research, Vol. 37, No. 4.	
	HM	Zarins; <i>Circulation in Profound Hypothermia</i> ; 11/1972; pp. 97-104; Journal of Surgical Research, Vol. 14, No. 2.	

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U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
	HN	RE 33,911		Wilfred J. Samson, et al.	05-05-1992	
	HO	5,443,456		Howard M. Alliger, et al.	08-22-1995	
	HP	5,643,197		Gregory G. Bucker, et al.	07-01-1997	
	HQ	5,957,963		John D. Dobak, III	09-28-1999	
	HR	6,042,559		John D. Dobak, III	03-28-2000	
	HS	6,051,019		John D. Dobak, III	04-18-2000	
	HT	6,096,068		John D. Dobak, III, et al.	08-01-2000	
	HU	4,762,129		Bonzel	8/9/1988	
	HV	4,820,349		Saab	4/11/1989	
	H W	5,002,531		Bonzel	3/26/1991	
	HX	5,588,438		McKown et al.	12/31/1996	
	HY	5,735,809		Gorsuch	4/7/1998	
	HZ	5,913,885		Klatz et al.	6/22/1999	
	IA	5,246,421		Saab	9/21/1993	
	IB	5,337,734		Saab	8/16/1994	
	IC	5,358,486		Saab	10/25/1994	
	ID	5,385,148		Lesh, et al.	1/31/1995	
	IE	5,411,477		Saab	5/2/1995	
	IF	5,443,781		Saab	8/22/1995	
	IG	5,499,973		Saab	3/19/1996	
	IH	5,569,195		Saab	10/29/1996	
	II	5,676,693		LaFontaine	10/14/1997	
	IJ	5,733,319		Neilson, et al.	3/31/1998	
	IK	5,755,690		Saab	5/26/1998	
	IL	5,868,735		LaFontaine	2/9/1999	
	IM	5,899,898		Arless, et al.	5/4/1999	
	IN	5,921,982		Lesh, et al.	7/13/1999	
	IO	5,938,660		Swartz, et al.	8/17/1999	
	IP	5,971,983		Lesh	10/26/1999	
	IQ	6,004,289		Saab	12/21/1999	
	IR	6,012,457		Lesh	1/11/2000	
	IS	6,106,518		Wittenberger, et al.	8/22/2000	
	IT	6,117,101		Diederich, et al.	9/12/2000	
	IU	6,164,283		Lesh	12/26/2000	
	IV	6,235,019		Lehmann, et al.	5/22/2001	

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			Group Art Unit	3739	
			Examiner Name	Not Yet Known	
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		Number	Kind Code ² (if known)			
	IW	6,241,718		Arless, et al.	6/05/2001	
	IX	3,125,096		Antiles et al.	03/17/1964	
	IY	3,612,175		Ford et al.	07/01/1969	
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	JB	4,323,071		Simpson et al.	04/06/1982	
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	JD	4,745,922		Taylor	05/24/1988	
	JE	4,781,033		Steyert	11/01/1988	
	JF	4,781,799		Herbert, Jr. et al.	11/01/1988	
	JG	4,951,677		Crowley et al.	08/28/1990	
	JH	5,000,734		Boussignac et al.	03/19/1991	
	JI	5,024,668		Peters et al.	06/18/1991	
	JJ	5,046,497		Millar	09/10/1991	
	JK	5,089,260		Hunter et al.	02/18/1992	
	JL	5,106,368		Uldall et al.	04/21/1992	
	JM	5,112,438		Bowers	05/12/1992	
	JN	5,150,706		Cox et al.	09/29/1992	
	JO	5,180,364		Ginsburg	01/19/1993	
	JP	5,267,341		Shearin	11/30/1993	
	JQ	5,383,854		Safar, et al.	01/24/1995	
	JR	5,496,271		Burton, et al.	03/05/1996	
	JS	5,549,559		Eshel	08/27/1996	
	JT	5,554,119		Harrison, et al.	09/10/1996	
	JU	5,578,008		Hara	11/26/1996	
	JV	5,622,182		Jaffe	04/22/1997	
	JW	5,653,692		Masterson et al.	08/05/1997	
	JX	5,709,654		Klatz et al.	01/20/1998	
	JY	5,733,280		Avitall	03/31/1998	
	JZ	5,733,318		Augustine	03/31/1998	
	KA	5,735,809		Gorsuch	04/07/1998	
	KB	5,741,248		Stern et al.	04/21/1998	
	KC	5,799,661		Boyd et al.	09/01/1998	
	KD	5,800,483		Vought	09/01/1998	
	KE	5,800,516		Fine et al.	09/01/1998	
	KF	5,820,593		Safar et al.	10/13/1998	
	K G	5,827,269		Saadat	10/27/1998	

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	KH	5,861,021		Thome	01/19/1999	
	KI	5,879,316		Safar et al.	03/09/1999	
	KJ	5,901,783		Dobak, III, et al	05/11/1999	
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	KL	5,906,594		Scarfone et al.	05/25/1999	
	KM	5,906,636		Casscells, III et al.	05/25/1999	
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	KP	5,957,917		Doiron et al.	09/28/1999	
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	KT	6,019,783		Philips et al.	02/01/2000	
	KU	6,022,236		Zadno-Azizi et al.	02/08/2000	
	KV	6,063,101		Jacobsen et al.	05/16/2000	
	KW	6,126,684		Gobin, et al.	10/03/2000	
	KX	6,146,411		Noda, et al.	11/14/2000	
	KY	6,146,814		Millet	11/14/2000	
	KZ	6,149,670		Worthen, et al.	11/21/2000	
	LA	6,149,673		Ginsburg	11/21/2000	
	LB	6,149,676		Ginsburg	11/21/2000	
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	LE	6,165,207		Balding, et al.	12/26/2000	
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	LN	6,231,595		Dobak, III	05/15/2001	
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	LR	6,238,428		Werneth, et al.	05/29/2001	
	LS	6,241,722		Dobak et al.	06/05/2001	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Not Yet Known
		Filing Date	June 26, 2003
		First Named Inventor	John D. Dobak, III
		Group Art Unit	3739
		Examiner Name	Not Yet Known
Sheet 14 of 21	Attorney Docket Number	103002	

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
	LT	6,245,095		Dobak, III, et al.	06/12/2001	
	LU	6,248,057		Mavity et al.	06/19/2001	
	LV	6,251,093		Valley et al.	06/26/2001	
	LW	6,251,129		Dobak, III, et al.	06/26/2001	
	LX	6,251,130		Dobak, III, et al.	06/26/2001	
	LY	6,253,769		LaFontaine, et al.	07/03/2001	
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	MC	6,264,679		Keller, et al.	07/24/2001	
	MD	6,267,747		Samson, et al.	07/31/2001	
	ME	6,270,476		Santojanni et al.	08/07/2001	
	MF	6,270,493		Lalonde, et al.	08/07/2001	
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	MH	6,287,326		Pecor	09/11/2000	
	MI	6,290,674		Roue et al.	09/18/2001	
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	MK	6,290,697		Tu, et al.	09/18/2001	
	ML	6,290,717		Phillips	09/18/2001	
	MM	6,295,990		Lewis et al.	10/02/2001	
	MN	6,296,654		Ward	10/02/2001	
	MO	6,299,599		Pham	10/09/2001	
	MP	6,305,378		Lesh	10/23/2001	
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	MR	6,312,452		Dobak, III, et al.	11/06/ 2201	
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	MT	6,338,727		Noda et al.	01/15/2002	
	MU	6,364,899		Dobak, III	04/02/2002	
	MV	6,368,304		Aliberto et al.	04/09/2002	
	MW	6,383,151		Diederich et al.	05/07/2002	
	MX	6,383,180		Lalonde et al.	05/07/2002	
	MY	6,391,224		Wowk	05/21/2002	
	MZ	4,747,826		Sassano	05/31/1988	
	NA	6,393,320		Lasersohn et al.	05/21/2002	
	NB	20010001830		Dobak, III, et al.	05/24/2001	
	NC	20010001831		Dobak, III, et al.	05/24/2001	
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			Filing Date	June 26, 2003	
			First Named Inventor	John D. Dobak, III	
			Group Art Unit	3739	
Examiner Name	Not Yet Known				
Sheet	15	of	21	Attorney Docket Number	103002

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		Number	Kind Code ² (if known)			
	NF	20010005791		Ginsburg, et al.	06/28/2001	
	NG	20010007927		Koblish, et al.	07/12/2001	
	NH	20010007951		Dobak, III	07/12/2001	
	NI	20010008975		Dobak, III, et al.	07/19/2001	
	NJ	20010010011		Aliberto, et al.	07/26/2001	
	NK	20010011184		Dobak, III, et al.	08/02/2001	
	NL	20010011185		Dobak, III, et al.	08/02/2001	
	NM	20010014802		Tu	08/16/2001	
	NN	20010016763		Lasheras, et al.	08/23/2001	
	NO	20010016764		Dobak, III	08/23/2001	
	NP	20010021865		Dobak, III, et al.	09/13/2001	
	NQ	20010021866		Dobak, III, et al.	09/13/2001	
	NR	20010029394		Dobak, III, et al.	10/11/2001	
	NS	20010031946		Walker et al.	10/18/2001	
	NT	20010032004		Werneth	10/18/2001	
	NU	20010039440		Lasheras, et al.	11/08/2001	
	NV	20010041923		Dobak, III	11/15/2001	
	NW	20010044644		Keller, et al.	11/22/2001	
	NX	20010047191		Lasersohn et al.	11/29/2001	
	NY	20010047192		Lasersohn et al.	11/29/2001	
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	OA	20010049545		Lasersohn, et al.	12/06/2001	
	OB	20020002394		Dobak, III	01/03/2002	
	OC	20020007179		Dobak, III et al.	01/17/2002	
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	OF	20020022823		Luo et al.	02/21/2002	
	OG	20020026227		Philips	02/28/2002	
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	OI	20020032430		Luo et al.	03/14/2002	
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	OK	20020032474		Dobak, III et al.	03/14/2002	
	OL	20020049409		Noda et al.	04/25/2002	
	OM	20020049410		Noda et al.	04/25/2002	
	ON	6,245,064		Lesh, et al.	6/12/2001	
	OO	5,800,488		Crockett	09/01/98	
	OP	5,967,976		Larsen, et al.	10/19/99	
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				First Named Inventor	John D. Dobak, III
				Group Art Unit	3739
				Examiner Name	Not Yet Known
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		Number	Kind Code ² (if known)			
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	OS	4,160,455		Law	07/10/1979	
	OT	4,464,172		Lichtenstein	08/07/1984	
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	OV	5,520,682		Baust et al.	05/28/1996	
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	PP	20020040717		Dobak III	04/11/2002	
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	PZ	20020091429		Dobak III et al.	07/11/2002	
	QA	20020091430		Dobak III et al.	07/11/2002	
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		Number	Kind Code ² (if known)			
	QD	20020099364		LaLonde	07/25/2002	
	QE	20020099427		Dobak III	07/25/2002	
	QF	20020103519		Dobak III et al.	08/01/2002	
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	RG	20020120314		Evans et al.	08/29/2002	

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	RH	WO	WO 99/37226		Del Mar Medical Technologies	07-29-1999	
	RI	WO	WO 99/48449		Del Mar Medical Technologies	09-30-1999	
	RJ	WO	WO 99/66970		Del Mar Medical Technologies	12-29-2000	
	RK	WO	WO 99/66971		Del Mar Medical Technologies	12-29-1999	
	RL	WO	WO 00/48670		Alsus Corporation	08-24-2000	
	RM	WO	WO 91/17788		Saab, Mark A.	11-28-1991	
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	RP	WO	WO 98/37822		Cryocath Technologies	09-03-1998	
	RQ	WO	WO 98/49957		The Regents of the University of California	11-12-1998	
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	RU	WO	WO 00/42931		Cryocath Technologies	07-27-2000	
	RV	WO	WO 00/42932		Cryocath Technologies	07-27-2000	
	RW	WO	WO 00/42933		Cryocath Technologies	07-27-2000	
	RX	WO	WO 00/51511		Atrionix, Inc.	09-08-2000	
	RY	WO	WO 00/51683		Atrionix, Inc.	09-08-2000	
	RZ	WO	WO 00/56237		Atrionix, Inc.	09-28-2000	
	SA	WO	WO 00/59390		Cryocath Technologies	10-12-2000	
	SB	WO	WO 00/76570		Cryocath Technologies	12-21-2000	
	SC	WO	WO 01/13809		Radiant Medical, Inc.	03-01-2001	
	SD	WO	WO 00/67656		Atrionix, Inc.	11-16-2000	
	SE	WO	WO 00/67830		Atrionix, Inc.	11-16-2000	
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	SH	WO	WO 01/37919		Cryocath Technologies	05/31/2001	
	SI	AU	AU 730835 B2		Radiant Medical, Inc.	08/01/1997	
	SJ	AU	AU 734506 C		Innercool Therapies, Inc.	10/18/1999	
	SK	AU	AU 737433 B2		CryoGen, Inc.	02/10/1999	
	SL	AU	AU 739996 B2		Innercool Therapies, Inc.	08/09/1999	
	SM	AU	AU 743945 B2		Radiant Medical, Inc.	08/07/1998	
	SN	AU	AU685559B2		Boaz	01/22/1998	
	SO	CA	CA2177982A		Boaz	06/08/1995	
	SP	CN	CN1082382A		Boaz	02/23/1994	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)			
	SQ	WO	WO 94/16760		Alliger et al.	08/04/1994	
	SR	WO	WO 95/15115		Boaz Avitall	06/08/1995	
	SS	WO	WO 98/38934		Scimed Life Systems, Inc.	09/11/1998	
	ST	WO	WO 99/04211		Cryogen, Inc.	01/28/1999	
	SU	WO	WO 00/51534		Alsuis Corporation	09/08/2000	
	SV	WO	WO 00/53135		Alsuis Corporation	09/14/2000	
	SW	WO	WO 00/57823		Alsuis Corporation	10/05/2000	
	SX	WO	WO 00/62837		Alsuis Corporation	10/26/2000	
	SY	WO	WO 00/66053		Alsuis Corporation	11/09/2000	
	SZ	WO	WO 00/72779		Alsuis Corporation	12/07/2000	
	TA	WO	WO 00/72787		Alsuis Corporation	12/07/2000	
	TB	WO	WO 01/03606		Alsuis Corporation	01/18/2001	
	TC	WO	WO 01/08580		Alsuis Corporation	02/02/2001	
	TD	WO	WO 01/10323		Radiant Medical, Inc.	02/15/2001	
	TE	WO	WO 01/10365		Innercool Therapies, Inc.	02/15/2001	
	TF	WO	WO 01/12061		Alsuis Corporation	02/22/2001	
	TG	WO	WO 01/12122		Alsuis Corporation	02/22/2001	
	TH	WO	WO 01/13837		Innercool Therapies, Inc.	03/01/2001	
	TI	WO	WO 01/17471		Alsuis Corporation	03/15/2001	
	TJ	WO	WO 01/19447		Alsuis Corporation	03/22/2001	
	TK	WO	WO 01/26590		Innercool Therapies, Inc.	04/19/2001	
	TL	WO	WO 01/30413		Alsuis Corporation	05/03/2001	
	TM	WO	WO 01/34225		Neuron Therapeutics, Inc.	05/17/2001	
	TN	WO	WO 01/37919		Cryocath Technologies, Inc.	05/31/2001	
	TO	WO	WO 01/41664		Cryocath Technologies, Inc.	06/14/2001	
	TP	WO	WO 01/41708		Alsuis Corporation	06/14/2001	
	TQ	WO	WO 01/43661		Radiant Medical, Inc.	06/21/2001	
	TR	WO	WO 00/48670		Alsuis Corporation	08/24/2000	
	TS	WO	WO 01/49236		Alsuis Corporation	07/12/2001	
	TT	WO	WO 01/52781		Radiant Medical, Inc.	07/26/2001	
	TU	WO	WO 01/54618		Mitralife	08/02/2001	
	TV	WO	WO 01/54764		Innerdyne, Inc.	08/02/2001	
	TW	WO	WO 01/56517		Alsuis Corporation	08/09/2001	
	TX	WO	WO 01/58397		Radiant Medical, Inc.	08/16/2001	
	TY	WO	WO 01/64145		Innercool Therapies, Inc.	09/07/2001	
	TZ	WO	WO 01/64146		Radiant Medical, Inc.	09/07/2001	
	UA	WO	WO 01/66052		Innercool Therapies, Inc.	09/13/2001	

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	Not Yet Known	
			Filing Date	June 26, 2003	
			First Named Inventor	John D. Dobak, III	
			Group Art Unit	3739	
Examiner Name	Not Yet Known				
Sheet	20	of	21	Attorney Docket Number	103002

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publications of Cited document MM-DD-YYYY	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
	UB	WO	WO 01/74276		Innercool Therapies, Inc.	10/11/2001	
	UC	WO	WO 01/76655		Innercool Therapies, Inc.	10/18/2001	
	UD	WO	WO 01/78580		Innercool Therapies, Inc.	10/25/2001	
	UE	WO	WO 01/87379		Innercool Therapies, Inc.	11/22/2001	
	UF	WO	WO 01/95840		Innercool Therapies, Inc.	12/20/2001	
	UG	WO	WO 01/41664		Cryocath Technologies	06/14/2001	
	UH	EP	EP1205167A2		Alsius Corporation	05/15/2002	
	UI	WO	WO 02/07793		Radiant Medical	01/31/2002	
	UJ	WO	WO 02/26175		Alsius Corporation	04/04/2002	
	UK	WO	WO 02/26176		Alsius Corporation	04/04/2002	
	UL	WO	WO 02/26285		Alsius Corporation	04/04/2002	
	UM	WO	WO 02/26307		Alsius Corporation	04/04/2002	
	UN	WO	WO 02/28300		Alsius Corporation	04/11/2002	
	UO	WO	WO 02/36180		Alsius Corporation	05/10/2002	
	UP	WO	WO 02/38091		Innercool Therapies	05/16/2002	
	UQ	WO	WO 02/43577		Alsius Corporation	06/06/2002	
	UR	WO	WO 02/47577		Alsius Corporation	06/20/2002	
	US	WO	WO 02/47742		Alsius Corporation	06/20/2002	
	UT	WO	WO 02/055129		Innercool Therapies	07/18/2002	
	UU	WO	WO 02/056938		Alsius Corporation	07/25/2002	
	UV	WO	WO 02/058606		Alsius Corporation	08/01/2002	
	UW	WO	WO 02/060514		Innercool Therapies	08/08/2002	
	UX	EP	EP1029 520 B1		Alsius Corporation	08/14/2002	
	UY	WO	WO 01/87169		Atrionix, Inc.	11/22/2001	
	UZ	WO	WO 01/95820		Atrionix, Inc.	12/20/2001	
	VA	WO	WO 02/00128		Cryocath Technologies, Inc.	01/03/2002	
	VB	WO	WO 02/058576		Cryocath Technologies, Inc.	08/01/2002	
	VC	WO	WO 02/065941		Radiant Medical, Inc.	08/29/2002	

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		Filing Date	June 26, 2003
		First Named Inventor	John D. Dobak, III
		Group Art Unit	3739
		Examiner Name	Not Yet Known
Sheet 21 of 21	Attorney Docket Number	103002	

OTHER PRIOR ART—NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	VD	Thibault, B., C. Villemaire, M. Talajic, D. Roy, S. Nattel, T. Ki Leung, M. Dubuc, "Catheter Cryoablation is a More Effective and Potentially Safer Method to Create Atrial Conduction Block: Comparison with Radiofrequency Ablation," <i>NASPE Abstracts</i> , April 1998, Part II, <i>PACE</i> , V. 21(620):944.	
	VE	Dubuc, M., M. Talajic, D. Roy, B. Thibault, T. Ki Leung, K. Spector, P. L. Friedman, "Catheter Cryoablation: a Novel Technology for Ablation of Cardiac Arrhythmias," <i>Abstracts from the 69th Scientific Sessions</i> , No. 3259, I-557.	
	VF	Ducharme, A., J-C. Tardif, D. Roy, B. Thibault, M. Talajic, M. Dubuc, "Intracardiac Echocardiography Monitoring of Catheter Cryoablation," <i>Abstracts from the 71st Scientific Sessions</i> , No. 2300, I-437.	
	VG	Thibault, Bernard; <i>NASPE Abstracts</i> ; "Catheter Cryoablation is a More Effective and Potentially Safer Method to Create Atrial Conduction Block: Comparison with Radiofrequency Ablation"; Volume 21; Page 944 (April 1998, Part II)	
	VH	Colvett, K. T. et al. "Opportunities with Combined Modality Therapy for Selective Organ Preservation in Muscle-Invasive Bladder Cancer," May 1996, <i>Journ. Surg. Oncology</i> 63:202-201.	
	VI	Hayes et al. "Temperature control in extracorporeal circulation," <i>Aug. 17, 1968, Brit. Med. J.</i> 2(615):430.	
	VJ	Mass, C. et al. "Intermittent Antegrade/Selective Cerebral Perfusion during Circulatory Arrest for Repair of the Aortic Arch," 1997, <i>Perfusion</i> , 12:127-132.	

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